

Figure D-1. Typical 1/16-in. high-pressure fitting.

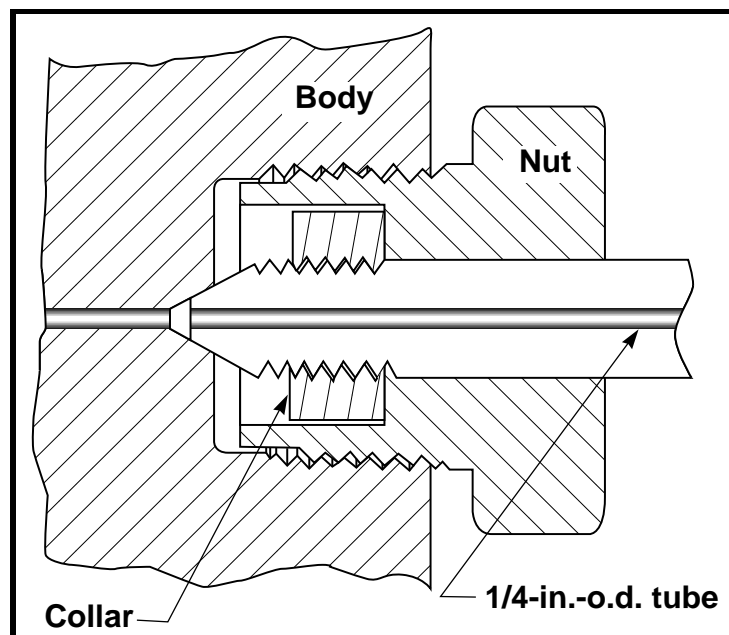


Figure D-2. Typical 1/4-in. high-pressure fitting (60,000 psi).

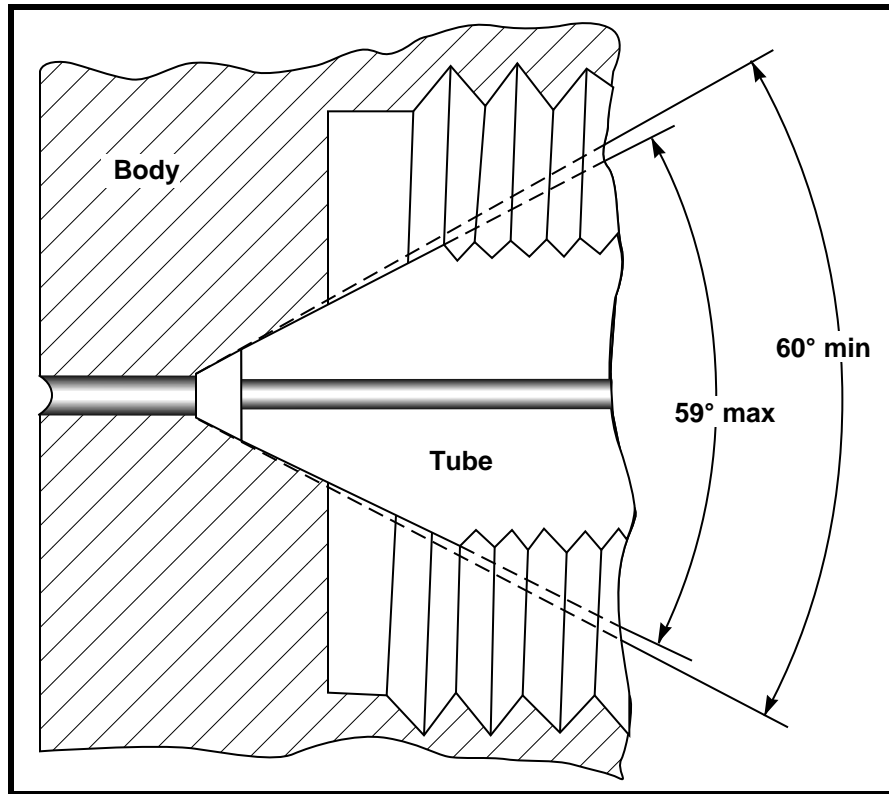
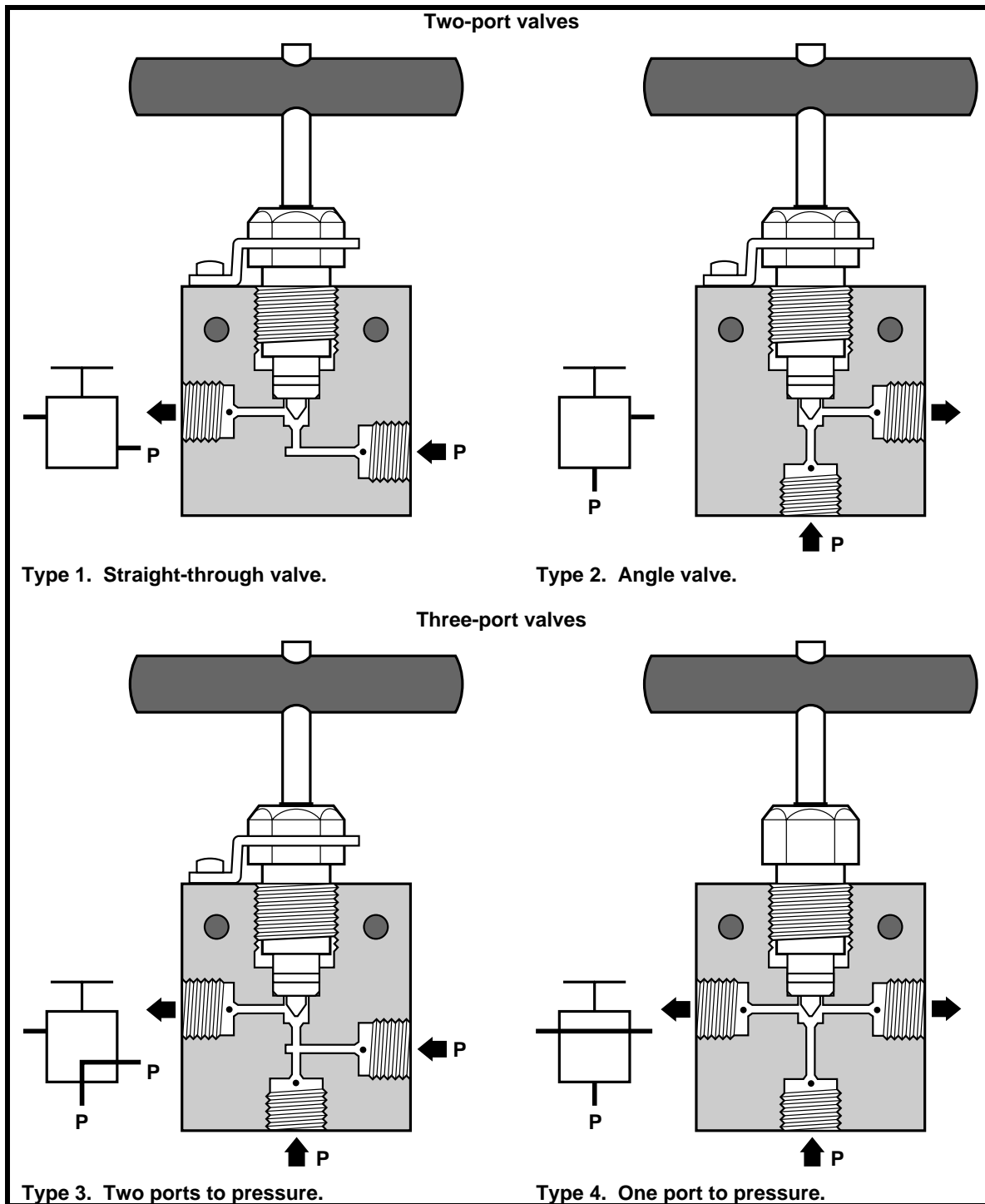


Figure D-3. Typical high-pressure connection (to 60,000 psi).



Note: All pressure ports are marked "P"; nonpressure ports are unmarked. When valves are CLOSED, pressure ports "P" are not exposed to valve stem packing. However, other ports are always exposed to valve stem packing when the valve is OPEN or CLOSED.

Figure D-4. General types of high-pressure valves.

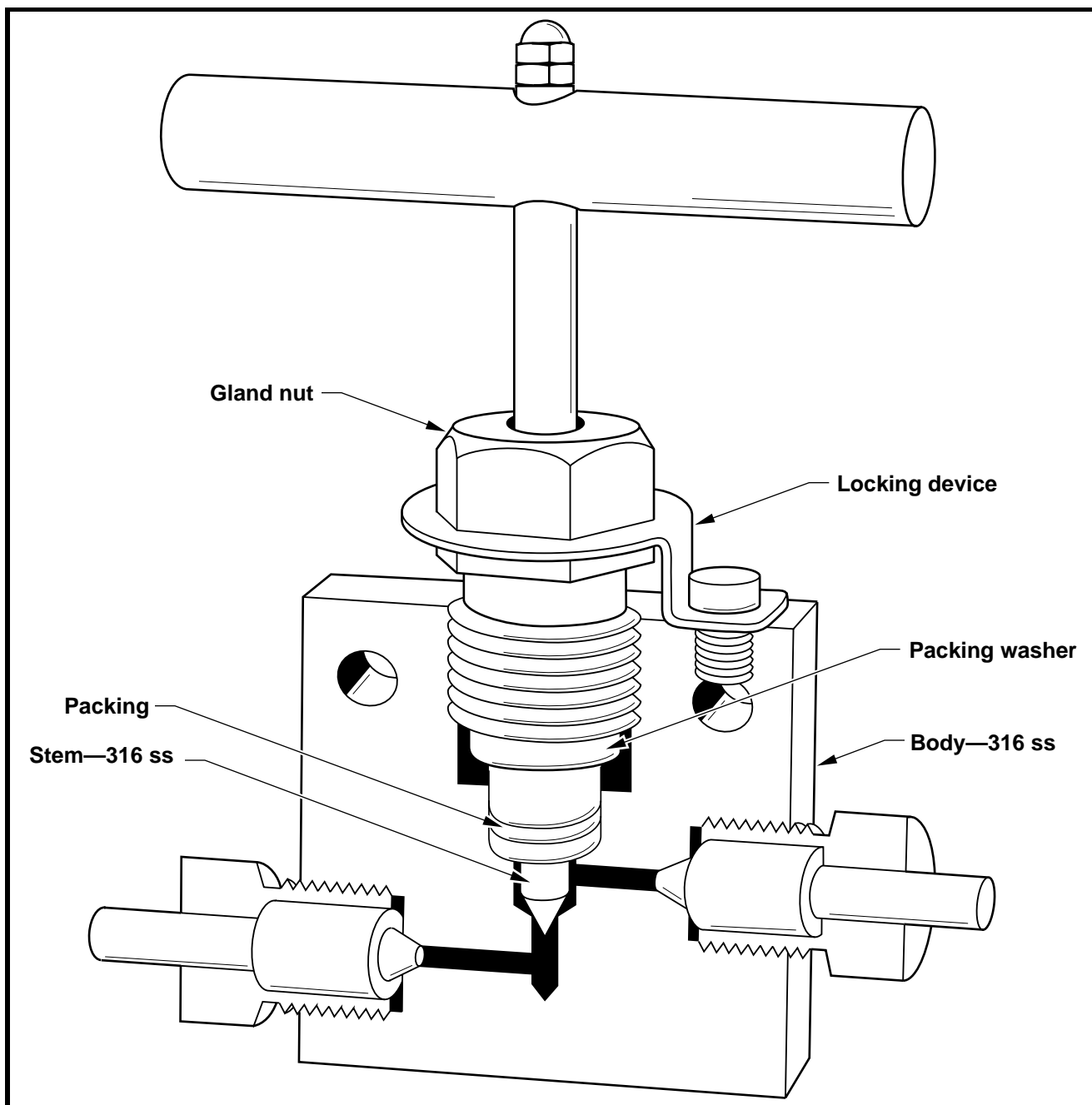
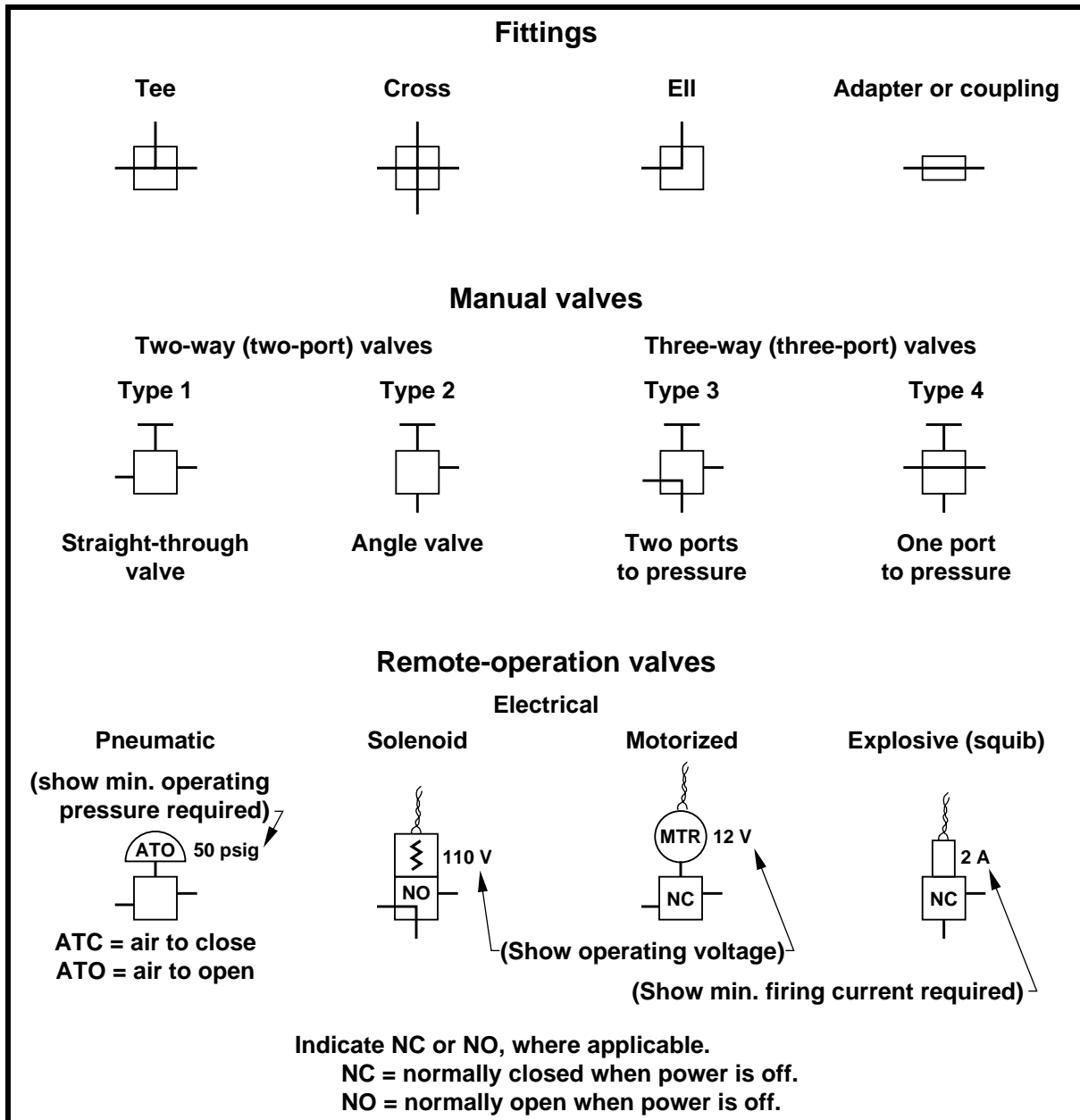


Figure D-5. Type 1 high-pressure valve.

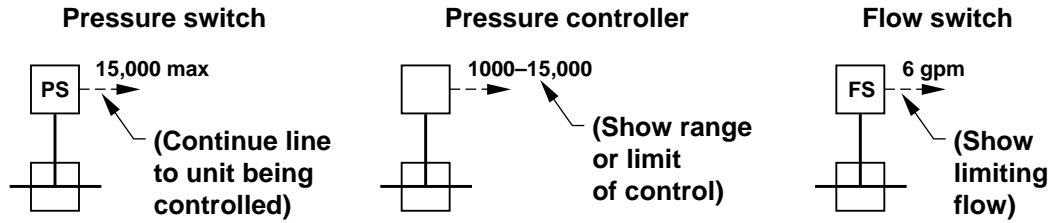
Figure D-6. Safety Manifold System

High-Pressure Drawing Symbols

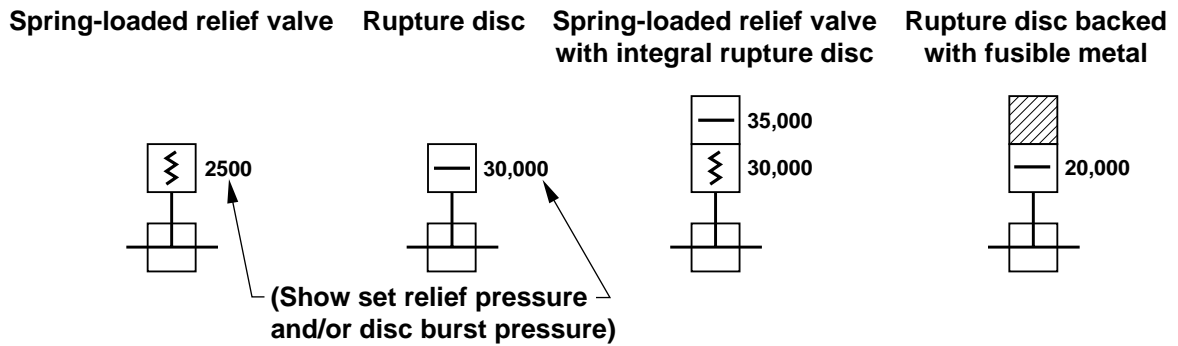
The following high-pressure drawing symbols are standard in all LLNL engineering drawings.



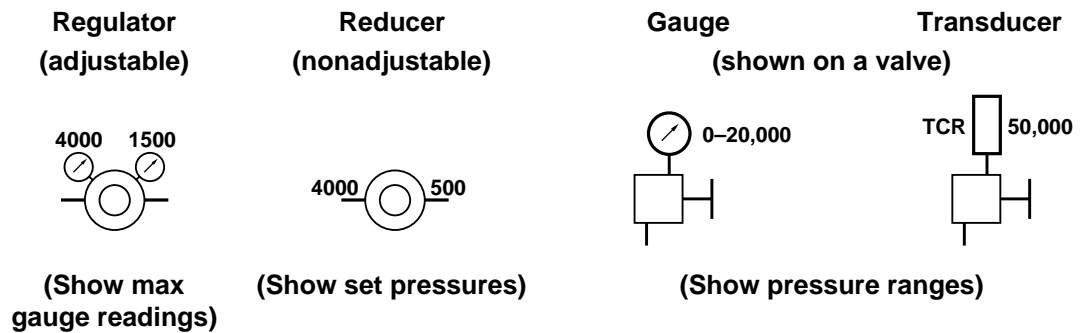
Automatic valves (shown assembled to a tee)

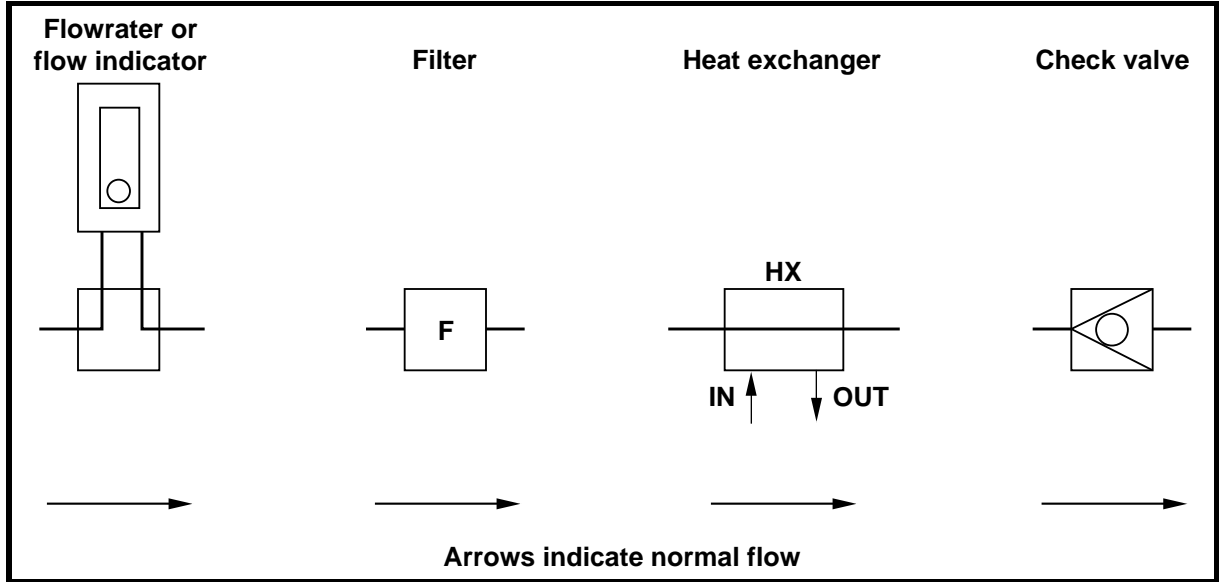


Relief devices (shown assembled to a tee)

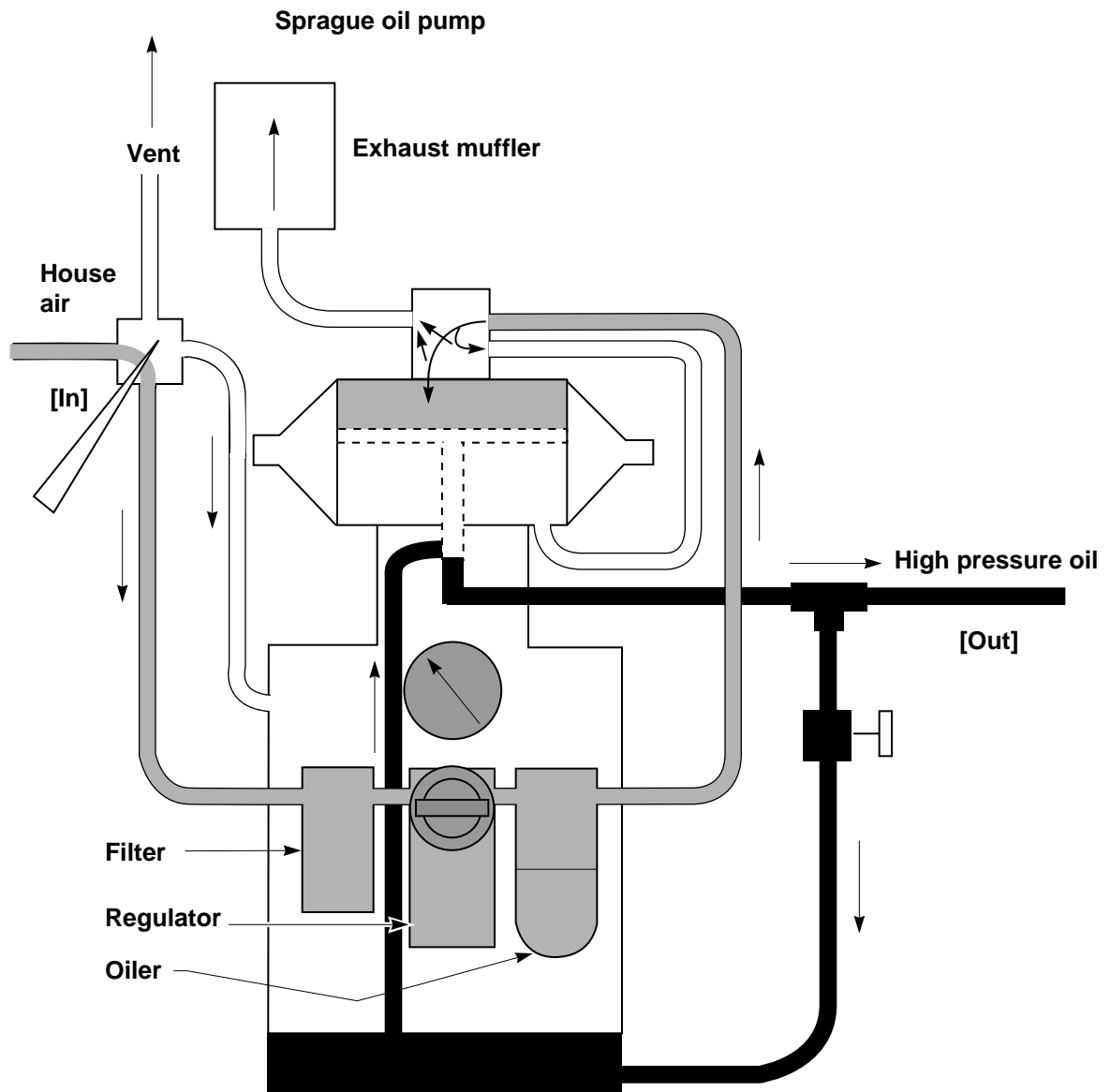


Regulators and gauges





Air-to-Oil Intensifier



High-Pressure Gas System

High-Pressure Gas System

